

**REMARKS**

Reconsideration and allowance of this application are respectfully requested in view of the above Amendment and the discussion below.

In response to the ex parte Quayle, Applicants have amended the specification, the abstract and the claims as required on pages 2-7 of the outstanding patent Office Action.

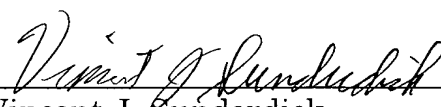
In view of the indicated allowance of claims 1-7 subject to the formalities, Applicants now request that this application be passed to issue.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #056207.52990US).

Respectfully submitted,

*March 1, 2005*

  
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Enclosure(s):      Marked-Up Version of Substitute Specification  
                         Clean Version of Substitute Specification

ABSTRACT OF THE DISCLOSURE

A position control method by motor drive ~~has the steps including~~ of rotating a rotor of the motor drive according to the given target opening, and detecting the opening of a movable vane by an encoder, the motor drive opening and shutting a passage of an intake air pipe to a turbo charger of the automobile by the movable vane, and controlling the movable vane in the passage of the intake air pipe so that it ~~may reach~~ reaches the target opening, ~~the~~. The rotational position of the motor drive is controlled to the stop position in the direction where the movable vane is closed and the stop position in the direction where the movable vane is opened, ~~and the~~. The motor drive is controlled so that the passage of the intake air pipe ~~may become~~ becomes the target opening by setting the stop position as an operation reference position of the motor drive, and setting between the stop positions as the driving dynamic range ~~of the motor drive~~.